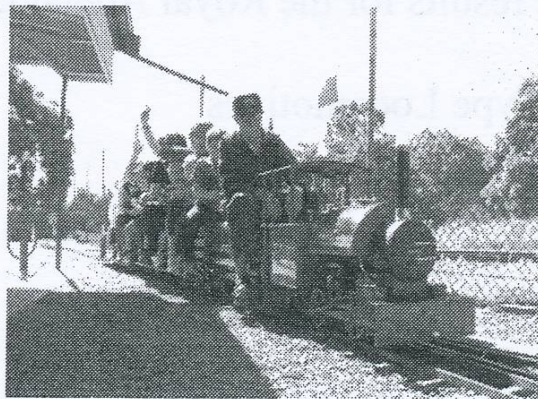




**SOUTH AUSTRALIAN SOCIETY OF MODEL
& EXPERIMENTAL ENGINEERS**

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**The official Journal of
The South Australia Society of
Model & Experimental Engineers Inc.**



DECEMBER 2014

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(This bulletin is issued for information only)

Happenings Spring 2014

From the President.

The weather is on the improve and very soon we will be complaining of how hot it will be, however the grounds are looking good and it's because of all the good work SASMEE members do at the club and it's a credit to everyone of them.

I just received the results for the Royal Adelaide Show and they are

Class 333 Diesel Type Locomotives

- 1 – Matthew Leslie
- 2 – John Monte
- 3 – Jeff Schaefer

Class 334 Steam Locomotives

- 1 – Bert Francis
- 2 – Alan Wallace
- 3 – Bob Smith

Best Overall Exhibit

Matthew Leslie

On the Royal Adelaide Show, over 500,000 people attended the show and if we inspired one person throughout that time we have done exactly what we intended to achieve. I was approached by the ladies at the show, who are very pleased to have the classes permanently installed as part of the Royal Adelaide Show. Many thanks to all the people who participated and also to the judge and steward, as it is now a regular event.

Our September general meeting saw an overwhelming response by members to have our updated constitution

passed by a meeting room overflowing to the outside as there were no more seats inside and to flow onto our auction night where someone's trash became someone's treasure and I'm sure no one went home empty handed. Our Annual luncheon at The Feathers Hotel on Sunday 23rd November was well attended by 47 members, who enjoyed a good variety of food and good company and in the end it flowed into the pokies room for some. This was enjoyed by all. Let's see if we can find another venue for next year as good as The Feathers.

Don't forget our annual Xmas Barbeque on Saturday 20th December 2014 from 2pm onwards for those wanting to play trains, boats etc.

At the present moment there is a bit of maintenance work going on around the property from

- Trestle bridge plank replacements
- riding truck bogies, general upkeep
- g gauge gardening, paving, tree trimmings etc
- new unloading traverser,
- 5" steaming bay repairs

The Committee wishes all members and their families A Merry Xmas and a Safe and Happy New Year.

Members please note.

Working bees are on Wednesdays from 8am onwards and Saturdays from 1pm onwards. Remember many hands make light work.

Come on, get involved.

Thanks

John Monte

SASMEE OFFICE BEARERS AND COMMITTEE FOR THE PERIOD 2014-2015

President: John Monteodorisio 0409838494 or 8276 4675

Vice President: John Foster. 0419810478 or 8336 3319

Secretary: Ian Foster. 8381 3030

Minute Secretary: David Hawkins. 8371 1350

Treasurer: Mark Coxon. 8277 3763

Assist Treasurer: Ralph Ollerenshaw . 8379 0998

Committee:

John Beal. 8297 2314

Michael Offler. 8276 2360

Boiler Inspectors:

Bryan Homann. 8390 1925

John Monteodorisio. 8276 4675

Canteen Management:

John & Jackie Monteodorisio.

Library:

John Davey & Bill Coles.

Auditors: Michael Moyse, Graham Gaetjens.

Patron: Lachlan Cline, Mayor of Unley City.

Vice Patron: Bernie Dickinson. BA CPEng. FIE Aust. FI Mar. EST.

SASMEE Bulletin: Editor, Bill Coles, 8296 2167,

Email, bjhove@internode.on.net

SASMEE Postal Address, PO Box, 208 Goodwood. SA 5034

HAPPENINGS

From the Vice President.

Public Field Day, Sunday 7th September 2014

Despite pleasant weather we were competing with the Royal Agricultural Society Show and the AFL Final of Richmond and Port Power. Attendance was below recent figures at about 325 which made for a pleasant and relaxed day. Ten members had entered locos in the Royal Show, most of which were 71/4" so we were reduced to 2 locos on the track, but with an extra carriage behind the Club loco queues were not overly long. Cont'd

Forty members attended. The canteen was staffed by Jackie Monte, Shirley Mundi and Toni Offler. Safety Officer was John Monte. The ticket box was staffed by Mark Coxon and John Foster. The 71/4" station was staffed by Grant Tunny and Bruce Smith. The 5" station was handled by David Walton and Len Redway and the steam house stokers were Ralph Ollerenshaw and John Weidenhofer.

Public displays were as follows:-

<u>5" Locos.</u>	<u>Driver /Owner</u>	<u>Power</u>
Jack & Junior	Rod O`donohoe/John Monte .	Elec.
T Class 214 4-8-4	Bryan Homan	Steam.
Daisy	Mike Offler.	Elec.
Rio Tinto Co- Co	Matt Leslie	Elec.
BHP Billiton 0-6-0 x2	Matt Leslie driver, Arron Winter	Elec.
Kitson Meyer 0-6-0x2	Graham Driscoll.	Steam.

<u>71/4" Locos.</u>	<u>Driver/Owner.</u>	<u>Power.</u>
Club 351	Josh Driscoll.	Elec.
Moonan 0-4-0	Simon Huntington.	Steam.

<u>Boats</u>	<u>Owner</u>	<u>Power.</u>
Tug Tomar	Barry Sheldon.	Elec.
PS Adelaide	Stan Sheldon	Steam.
Yacht Saphir	Allan Saunders	Wind.
Hanson Bay Freighter	Michael Priest	Elec.
Cruiser.	Malcolm Ambler	Elec.
Stern Wheeler	Malcolm Ambler	Elec.

Garden Gauges.

Brenton and Cameron Dicker, with numerous engines and rolling stock.
 Max Shuard with locos, William and Ruby.
 Brad Cottle with a host of impressive rolling stock plus unknown Loco.
 Bob Smith with a steam 0-6-0 and a Hornby windup with Wagons,
 Great to see the "G" gauge picking up the numbers.

Member`s Meeting 9th September 2014

Forty seven members attended the monthly general meeting which started at 8pm and finished at 8-45pm. This was followed by a Special Meeting to consider the draft new Constitution. With some minor technical amendments the Constitution was passed unanimously. The Special Meeting closed by 9pm. Many thanks to the Constitution Committee of Allan Wallace, Ralph Ollerenshaw, Bryan Homan and John Foster and also numerous members who provided comment and suggestions on the various circulated drafts.

The Annual Auction followed. Members donated items for the benefit of SASMEE. This year we saw another gathering of what I am sure wives and partners call junk but lights the heart and gladdens the spirit of every true modeller. Items ranged from large model yachts through gears, motors, tooling and metal and plastic offcuts, and some items we can only guess at. All disappeared over the night with over \$740.00 added to the Club kitty.

Public Field Day 20th September 2014.

A bright sunny day brought us over 350 people and 45 members. Several birthday parties made use of the lower numbers to spread out and really enjoy themselves. With 14 locos providing rides queues were very short and everyone had no trouble getting rides. Eleven boats attended and the Garden Gauge had 4 locos unique in that they were all live steamers or steam outline.

The canteen was attended by Jackie Monte, Jane Monte and Lynn Leslie. Thankyou ladies. The steam house was operated by Ralph Ollerenshaw and Jeff Schaefer manning the oil can. David Hawkins manned the ticket office and Bruce Smith made his debut as Safety Officer. Good to see new faces on that roster. The 5" station was managed by Ainslie Cuthbertson and Toni Offler, Grant Tunn and Greg Weaver.

<u>Boats</u>	<u>Owner</u>	<u>Owner</u>
Elke Trawler	John Beal.	PS Adelaide [s] Stan Sheldon
Dragonfly Airboat	john Foster.	Cranbourne Freighter. Bob Smith
Thunder bolt	Stan Sheldon.	Hanson Bay. Michael Priest
Wave Rider	ditto	
Starfish	ditto	
Yacht Saphir	Allan Saunders	cont`d.

SHOW OF WORK 14TH OCTOBER 2014

By the EDITOR.

The annual show work for 2014 was well patronised with the number of exhibits a little down on last years` display. However, what was on display covered a range of subjects up to the high standards of modelling/construction that has become recognised within SASMEE.

I have not made notes on the photographs, but the following descriptions should allow a relationship to be established.

The Allchin Traction engine [trailer mounted] by Simon Huntington is one of the "Allchin Builders` Group". This engine, now on its finished state ran at the recent Clare Traction Engine Rally. A really solid, a well detailed piece of heavy construction, built and finished to a high standard. Steel boiler

At the opposite end of the display was a 3 speed Fowler Traction engine by Peter Hoy. Built over an extended period of 30 years [with breaks in between]. This engine is full of working detail. Its construction is in line with full size practise and would have involved a significant amount of heavy and carefully planned manufacture. The boiler is 4mm copper. Very high standard of workmanship reflected in the end result. Built to perform.

Although displayed upside down Jeff Schaefer's` riding truck has been built for some serious passenger carrying. The bogies are of welded construction with cross plate springing. Bogie attachment to the frame has been given clearance to allow track contours to be accommodated. Very professional and tidy detail in the steel side frame members and composite wood end plates.

The rolling chassis of a 5" g Jubilee tank engine was displayed by Bryan Homann. The current status of this project is one of restoration/correction and ongoing refit. Bryan has started from a collection of items, most in a poor state, of the original loco built by past member Howard Bateup. The components, in knock down form were salvaged from a backyard shed where they had suffered the ravages of time. Rebuild is showing a first class result. Look out for 2015s` show of work.

Kingsley Martin brought along a powered 6 wheel bogey unit for a 1954 NSU diesel, Commonwealth Railways profile. Data sheet provided bought back a past era. As with Kingsleys` work, a nice neat job.

John Foster brought along one of the Mysteries of Life with his "ball bearings in a test tube" hot air engine. This intriguing unit performed flawlessly. Must take a prize as the only exhibit to be running on the night. Noticed a lot of Members studying the running cycle. Top Job.

Jeff During bought along a superbly constructed "Webster" engine. An ignition powered single cylinder unit. Very tidy layout and machining. This project would make a good talk at a meeting night.

Ron Christie featured 2 claxon horns. Large and small. Ron provided details for those who would venture down this path. Sounds were heard during the night. Good one Ron.

A "small" hit and miss engine by Kerry Gascoigne attracted a lot of attention. This was a superbly made piece of workmanship. Was closely studied by many members. Size can be gauged by the 2 dollar piece. Check the detail in the flywheel. Great job.

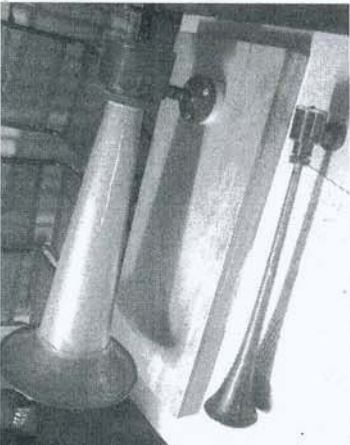
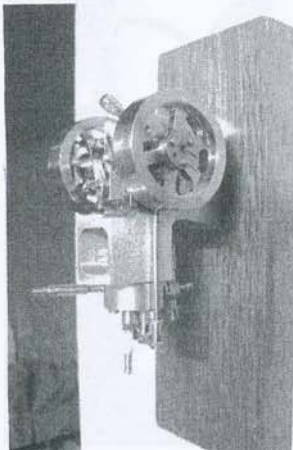
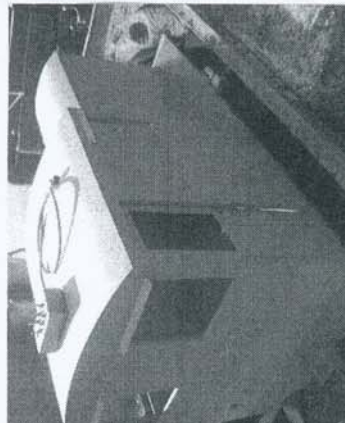
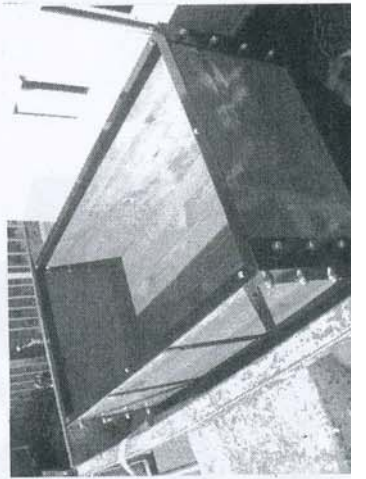
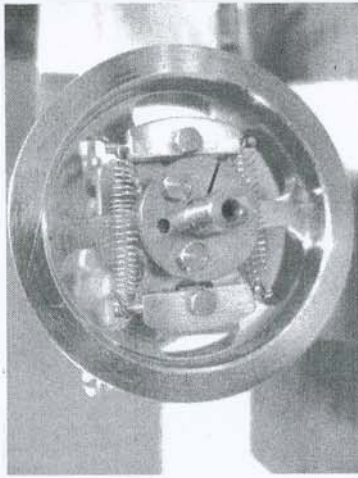
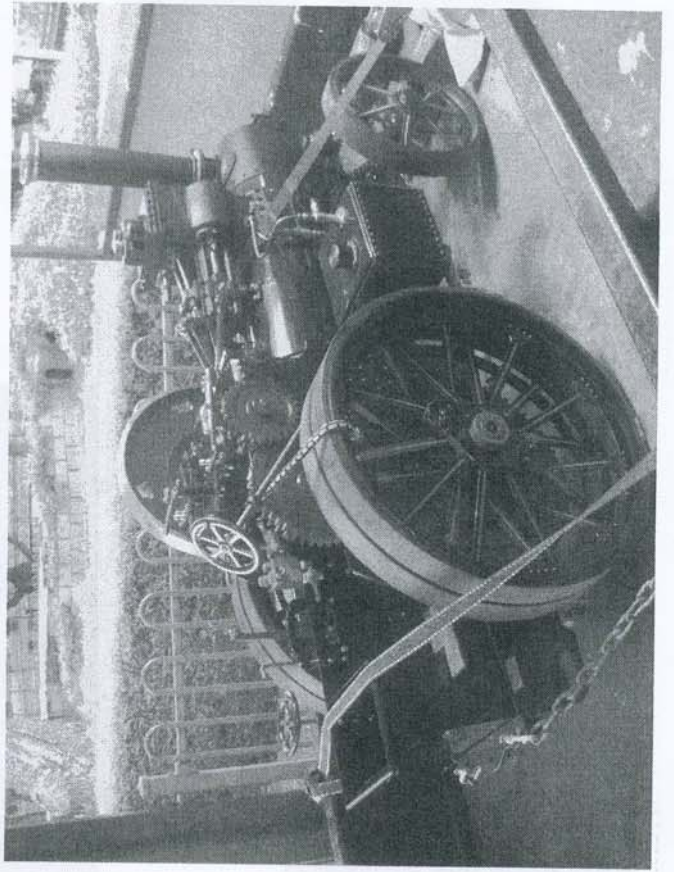
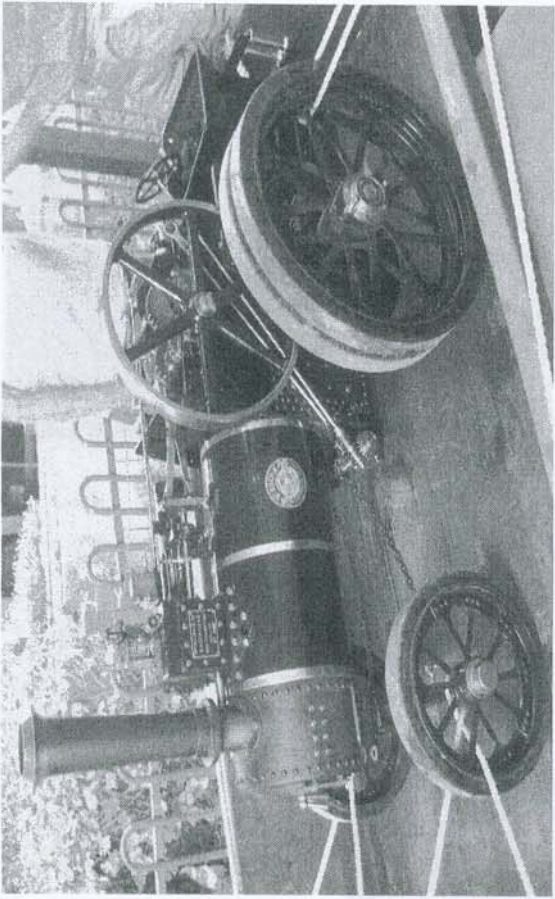
A work-in-progress by Cameron Dicker was a Diesel profile shunter. Close examination highlighted the precision laser cut plate work. Mainly 8mm plate. Cameron holds top qualifications in CAD design and processing. The work shown on the night took top honours at the recent Royal Adelaide Show. This unit is a real heavy weight. The accompanying riding truck was also a very neatly made unit. Well done Cameron.

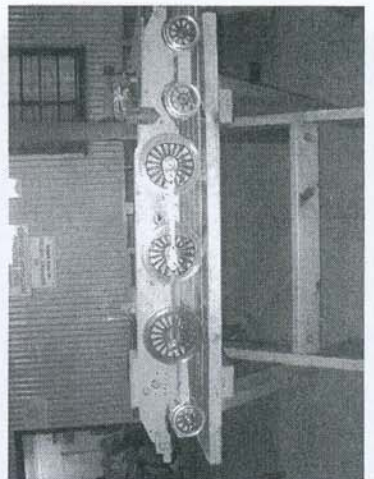
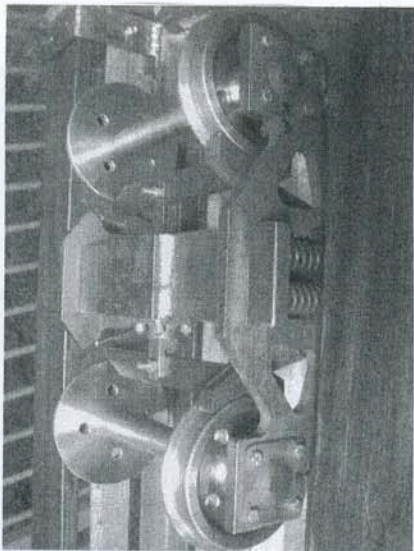
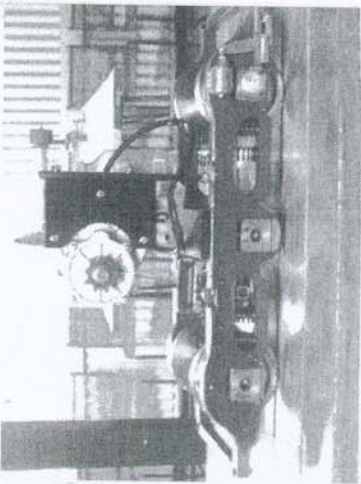
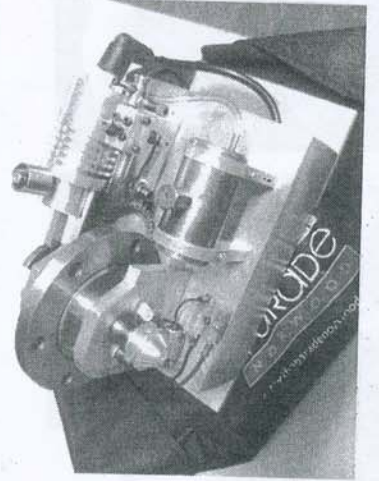
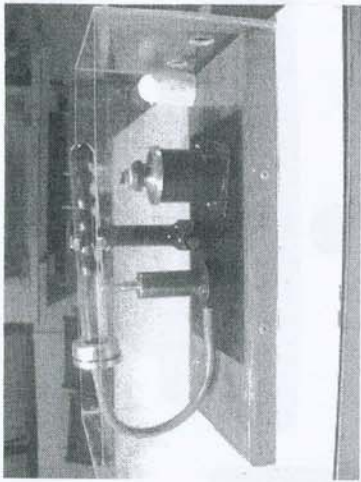
Also on display was a rolling chassis of a Rob Roy displayed by Peter Wilks. Very neat unit. Did not catch up with all the details but real nice workmanship.

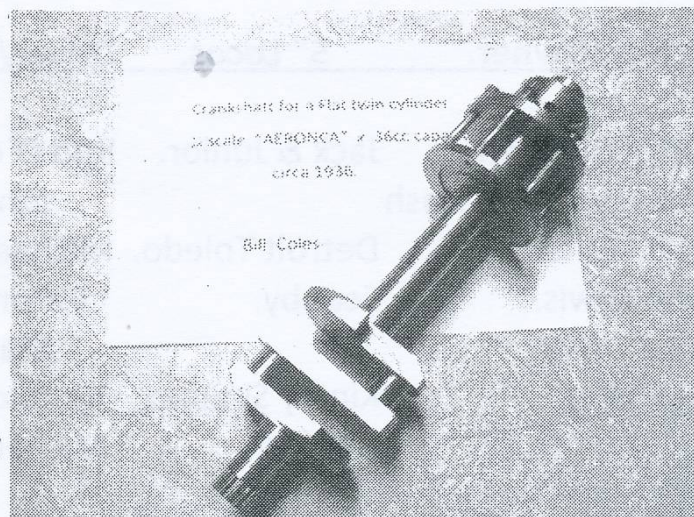
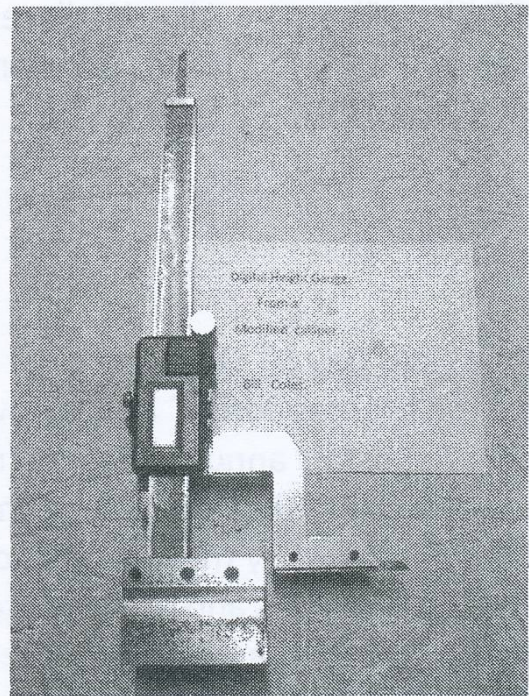
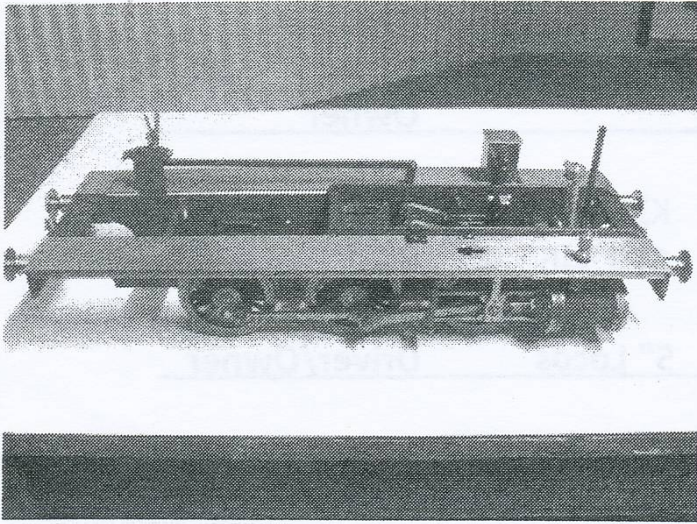
A digital Height gauge made up from an old Mitutoyo caliper. Internal measuring legs removed with a Dremel. Base clamped on completed this useful unit. A crank shaft for a 1/4" scale Aeronca flat twin IC engine were the two units displayed by Bill Coles. Up

As usual the Show of Work is a good venue for the exchange of ideas and "how did you do that?" type of discussions. From this night we have 12 potential club night speakers. Who's first?

For any omissions or mistakes /mistakes contact Bill Coles for future corrections.







<u>Garden Gauge Locos.</u>	<u>Owner</u>		<u>Owner</u>
No 22 T19	Ben Chandler.	K36 488	Ben Chandler.
C25 375 [steam]	Ben Chandler .	C19 346	Ben Chandler.

<u>71/4" Locos</u>	<u>Driver/owner</u>	<u>5" Locos</u>	<u>Driver/Owner</u>
351 Club Loco	Josh Driscoll.	Jabiru 0-6-0	John Monte.
Severnplex 0-6-0	John Lewis.	3.5" 900 Class	Bob Smith.
5037 Black Five.	Allan Wallace.	Kitson Meyer	Graham Driscoll.
Dolgoch.	Barry Dunstan.	Smiley	Ian Hand.
BHP Billiton 6067	Matt Leslie	Daisey.	Toni & Mike Offler.
		Apprentice.	Ian Foster.
		Jack & Junior.	Aaron Winter.
		Kingjoy Simplex.	Kinsley Martin.

Public Field Day 5th October

With the Monteodorisis` holiday overseas, flu going around, school holidays and Pt Augusta`s annual weekend run drawing several of our members, we were concerned that we may be short of members to operate. However a quick call around by the Vice President and Secretary resulted in nearly too many locos, drivers and canteen staff. Thank you all who answered the call. In the end we had a moderate attendance of the public and about 300 people through the gate. School holidays and the free opening of the Aircraft, Maritime and Railway Museums at Pt Adelaide probably diminished our attendance. Those who were there enjoyed minimum queues, multiple rides and plenty of space. Surprisingly, there were no organised parties.

<u>71/4" Locos</u>	<u>Driver/Owner.</u>	<u>5" Locos.</u>	<u>Driver/Owner.</u>
Dolgoch 0-4-0	Barry Dunstan	Jack & Junior.	Rod O`donohoe/
Koppel 0-6-0	John Lyas/Bob Nash		John Monte
BHP Billiton6067	Mat Leslie.	Detroit Toledo.	Michael Moyse
Severnplex 0-6-0	John Lewis.	Scooby.	Aaron Winter/
Club 351	Mike Offler		Matt Leslie
	Ian Foster	Kinjoy Simplex.	Kingsley Martin.
		Heisler.	Michael Tingay
			Cont`d

<u>Boats</u>	<u>Owner.</u>
Tug Tomar	Barry Dunstan
White Star	John Shelton.
Coast Guard	Ditto
Waverider	Ditto
Cabin Cruiser	Malcolm Ambler.
Treglison.	Michael Priest.
Emden 901	Alf Payne

Canteen.

The canteen was staffed by Toni Offler, Jane Monteodorisio, Shirley Mundi, Sue Leslie and Libby Foster. Many thanks Ladies.

Steam House.

Ralph Ollerenshaw kept the wheels turning and the fires burning.

Safety Officer.

Greg Weaver

Gate.

John Foster.

Members Meeting 14th October 2014.

Our annual show of work was another great success with Traction engines, Locos, Bogies, engines and other projects on show.

Public Field Day 18th October 2014

A glorious 32 degree day with a slight breeze, just enough for the yachts on the pond. We had a good crowd of over 440 people with five birthday parties including one of over 80 people and one of 58 people. We seem to be becoming the birthday venue of choice. Forty members assisted with operations for the day with seven 5" locos and only two 7 1/4" due to some illness and several of our stalwart exercising their traction engines at the Clare Model Traction Engine Rally. However, with two carriages behind the Club 351 loco and Allan Wallace's magnificent new LMS BLACK FIVE easily pulling 4 carriages we coped without excessive queues. Great work drivers and Bruce Smith and Grant Tunn on the Station.

Cont'd

The 5" station was serviced by Milton Smith, Trevor Hill and Ainslie Cuthbertson. Our steam house was again fired by Ralph Ollerenshaw and John Weidenhofer..

The canteen was served by Toni Offler, Shirley Mundi, Jill Hill Sue Leslie and Jane Monteodorisio who were busy all afternoon and had a great take for the day. Many thanks Ladies.

Safety Officer David Hawkins. Gate, John Beal assisted by Ian Foster.

<u>71/4 locos</u>	<u>Driver/ Owner.</u>	<u>5" Locos</u>	<u>Driver /owner.</u>
Club 351	Josh Driscoll/Club.	Jack & Junior.	Aaron Winter.
LMS Highlander	Allan Wallace.	Detroit –Toledo	Michael Moyse.
		Apprentice.	Rod O`donohoe/Club
		Daisy	Michael Offler.
		NSW 42215	Malcolm Ambler.
		Kitson Meyer	Graham Driscoll.
		SAR 509	John Mere.
		SAR 900	Bob Smith.

<u>G/O gauge</u>	<u>Driver/owner</u>
Burlington & Ohio 377 0-6-0 + 10 freight Cars.	Cameron Dicker
0-4-0 ST	ditto
Burlington 7 Ohio 2003 BoBo	ditto
Sante` Fe Eggliner	Jack O` donohoe.
Coal Creek Lumber.	Max Shuard.

<u>Boats.</u>	<u>Owner.</u>
Dragon fly airboat	John Foster.
Duck	John Shelton
Turbo 2	Ditto
Wave Rider	Ditto.
Safir Yacht	Allen Saunders.
Cabin Cruiser	Malcolm Ambler.
Treglison.	Michael Priest.
Emden 901	Alf Payne.

Public Field Day Sunday 2nd November 2014

A very pleasant day with sunshine and moderate temperatures. Thirty seven members attended to provide services to 409 members of the public. With 16 locos, 4 G/O/gauge trains and 11 boats there were plenty of rides for all and interesting activities to watch all afternoon. Of great interest was Jeff Jurings small model internal combustion engine set up in the boat house and run at various times. This drew considerable interest from both the public and members. Other members with similar projects are encouraged to display on run days.

The canteen ladies had a very busy afternoon. Many thanks to Jackie Monteodorisio, Tony Offler and Shirley Mundi.

Jeff Schaefer manned the gate ably assisted by John Beal while Ralph Ollerenshaw was Safety Officer. John Weidenhofer, David Eustice and Bernie Dickenson kept the boiler house fired and answered the many questions from the public: The 71/4' station was served by Grant Tunn, Bruce Smit and Greg Weaver. The 5" station was served by drivers taking a break. Many thanks to the drivers, for pitching in.

<u>71/4 locos</u>	<u>Driver/owner</u>	<u>5"Locos</u>	<u>Driver/owner.</u>
Club351	Josh Driscoll/Club.	Jack & Junior.	John Monteodorisio
LMS Highlander.	Allan Wallace.	Detroit- Toledo	Michael Moyse
BHP Billiton	Aaron Winter/ Matt Lesley	Apprentice	Rod O!donohoe /Club
Sevenplex 0-6-0	John Lewis.	Daisy.	Michael Offler.
Dolgoch 0-4-0	Barry Dunstan.	Kingjoy Simplex	Kingsley Martin.
PSA 1401.	John Lyas/ Bob Nash.	Kitson Meyer.	Graham Driscoll.
		Heisler.	Michael Tingay.
		<u>G.gauge.</u>	Coal Creek Lumber. Max Shuard.

<u>Boats</u>	<u>Owner</u>	<u>Boats</u>	<u>Owner</u>
DragonFly Air boat.	John Foster.	Cabin Cruiser.	Malcolm Ambler.
Duck.	John Shelton.	PS Adelaide.	Michael Priest.
Turbo 2	ditto	Emden 901	Alf Payne.
Wave Rider.	Ditto.		
Safir yacht.	Allan Saunders.		

Public Field Day Saturday 15th November 2014

Thirty Nine members attended to cater for about 275 patrons on an overcast day which turned to a downpour about 3-30pm and sent everyone scurrying for shelter or wet weather gear. A lower than usual turnout but end of year and a threatening weather forecast didn't help.

Jill Smith, Jackie Monteodorisio, Dawn Schaefer and Toni Offler served in the canteen. Thank you Ladies. Jeff Schaefer was Safety Officer, Ian Foster ticket officer, Ralph Ollerenshaw and Bernie Dickenson kept the boiler fire going, the five inch station was served by Milton Smith and Kingsley Martin and drivers taking a break. The 71/4" station was served by Bruce Smith and Grant Tunn. Many thanks to all who helped with the operation.

<u>71/4" Locos</u>	<u>Driver/Owner.</u>	<u>5"Loco</u>	<u>Driver/owner</u>
Club 351	Ainslie Cuthbertson/club.	Graham Driscoll	kitson –Meyer
Highlander	Allan Wallace	Daisy	Micheal/Toni Offler
Josephine 9	Grant Belton	42215	Malcolm Ambler
		Jabiru	John Monte.
		SAR 900	Bob Smith
		Apprentice	Josh Driscoll/Club.

G/O gauge

Budd Car Michael Moyse. Green Mack. Michael Moyse/John Monte.

<u>Boats</u>	<u>Owner.</u>	<u>Boats</u>	<u>Owner.</u>
Dragon fly airboat.	John Foster.	Treglison	Michael Priest
Sea Wasp racer	ditto	HMAS Bendigo	Allan Saunders
Twister	John Shelton	Corvette	
White Star Launch	ditto	Russian Cruiser	Jeff During
Coast Guard Launch	ditto.		
Bob Smith	Allan Saunders		
Jamie H Trawler	John Beal.		

Other Models. Owner.

I C Engine Jeff During

MERRY CHRISTMAS and GOOD MODELLING in 2015.

As this is the last Bulletin before Xmas, I would like to wish all members and their families a safe Xmas and a prosperous new year. I would like to thank all members for their help and support during the year. Here is a New Year resolution for all members. *Please print your name in the running sheets and always call your models by the same name. Particularly with locos. It will help this poor boatie get the Bulletin somewhat correct.*

NEW SUBSCRIPTION ARRANGEMENTS.

Several members have taken advantage of a day at the working bees and run days to reduce their annual subscription. **Don't leave it until the last minute Working Bees.**

Wednesdays 9.00 am til 1.00pm

Saturdays 1.00pm til 4.00pm [except Field days.]

UP COMING EVENTS.

Public Field Days.

Sunday 7th December 2014

Sunday 4th January 2015

Saturday 17th January 2015

Sunday 1st February 2015

Saturday 21st February 2015

Christmas Party. 20th December 2014

Play night. Tuesday 13th January 2015.

WORK SHOP DISPOSAL.

Due to health reasons a long time SASMEE member is disposing of his workshop. The major items are as follows.

A partially built 5" gauge Britannia. Tender is complete and painted. Chassis is in a running state. The package comprises a full set of original Spinks castings. Many are partially or fully machined. A full set of drawings. All fasteners /sundry fittings etc of which would allow completion of the engine. Boiler material comprises of a square metre of 3mm copper and all tubing.

Myford speed 10 lathe with all original tooling, chucks etc.

Mill Drill, 5 speed, 2hp, Table 500+ x125+mm. on a stand. Fully tooled.

Drill Press. 2m taper. 12 speed. On a stand.

Horizontal/vertical metal cutting bandsaw. Capacity to cut 6" x 4". Spare blades.

Flatbed liner. Double end grinder, 150mm diam., wheels on a stand.

Sundry workshop items. Cutting tools, range of various tooling.

The above plant has been maintained in a good working condition.

People who have a genuine interest in any of the above can obtain further details by contacting Bill Coles.

The History of Perry Engineering.

Other things , by the Editor.

Perry Engineering started in 1897 when Samuel Perry, a blacksmith from Shropshire, came to Adelaide and started a foundry and forge. He died in 1930, leaving the business to his nephew, Frank Perry, on one condition: if the business made a loss in any one year, it was to be closed and sold. To his credit, the younger Perry managed to keep the Company going through the Depression and World War II. In 1947 Perry decided to make it a Public company, as they were doing a considerable amount of contract work for the mines at Broken Hill. The underwriter of the share issue, E.L. & C. Ballieu, arranged the North Broken Hill, Broken Hill South and Zinc Corporation each to take a 10 per cent interest in Perry Engineering, while the Family retained slightly over 50 per cent.

Don Laidlaw joined Perry Engineering in 1956, and was involved in changing the nature of the business. He Said, "We went back into structural steel works for buildings. At that stage the South Australian economy was buoyant, and we also started to make mechanical presses for the car industry." General Motors, Ford and Chrysler had all decided to build large press shops there. During the next eight years the Company manufactured about four hundred mechanical presses for Automotive and General industry. Laidlaw says " This became a bread and Butter line."

In 1965 Sir Thomas Playford, who had been the Liberal Premier of South Australia for twenty nine years was voted out of office. At the same time, the expansion of the car industry tapered off, BHP completed its steel works at Whyalla and the Torrens Island power station had been completed. Ten years of boom in South Australia came to an end. In 1966 Perry Engineering merged with the Melbourne based engineering and lift company, Johns and Waygood, which had been operating since the 1860s. The company was called Johns and Waygood Perry Engineering and did not change its name to Johns Perry until 1976.

The foundry closed on 1969. Johns Perry was sold up in 1978. The plant continued to work under other contractors until the whole plant was bulldozed to make way for commercial development in about 2005 period.